



April 12, 2017

Victor Scherer
Arizona Department of Environmental Quality-Phx
1110 W. Washington Street
Phoenix, AZ 85007

TEL (520) 398-2266
FAX (602) 207-2383

Work Order No.: 17D0277
Order Name: Tucson Unified
School District

RE: Lead Analysis

Dear Victor Scherer,

Turner Laboratories, Inc. received 8 sample(s) on 03/31/2017 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Max DiSante
Laboratory Director

Client: Arizona Department of Environmental Quality-P**Project:** Lead Analysis**Work Order:** 17D0277**Date Received:** 03/31/2017**Order:** Tucson Unified School District**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Matrix	Collection Date/Time
17D0277-01	1	Drinking Water	03/21/2017 0750
17D0277-02	2	Drinking Water	03/21/2017 0750
17D0277-03	3	Drinking Water	03/21/2017 0755
17D0277-04	4	Drinking Water	03/21/2017 0755
17D0277-05	5	Drinking Water	03/21/2017 0800
17D0277-06	6	Drinking Water	03/21/2017 0800
17D0277-07	7	Drinking Water	03/21/2017 0805
17D0277-08	8	Drinking Water	03/21/2017 0800

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17D0277
Date Received: 03/31/2017

Case Narrative

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND Not Detected at or above the PQL

PQL Practical Quantitation Limit

DF Dilution Factor

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0277
Lab Sample ID: 17D0277-01

Client Sample ID: 1
Collection Date/Time: 03/21/2017 0750
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	0.59	0.50		ug/L	1	04/07/2017 1500	04/09/2017 1527	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0277
Lab Sample ID: 17D0277-02

Client Sample ID: 2
Collection Date/Time: 03/21/2017 0750
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	7.7	0.50		ug/L	1	04/07/2017 1500	04/09/2017 1532	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0277
Lab Sample ID: 17D0277-03

Client Sample ID: 3
Collection Date/Time: 03/21/2017 0755
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	8.5	0.50		ug/L	1	04/07/2017 1500	04/09/2017 1537	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0277
Lab Sample ID: 17D0277-04

Client Sample ID: 4
Collection Date/Time: 03/21/2017 0755
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	2.4	0.50		ug/L	1	04/07/2017 1500	04/09/2017 1543	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0277
Lab Sample ID: 17D0277-05

Client Sample ID: 5
Collection Date/Time: 03/21/2017 0800
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	2.1	0.50		ug/L	1	04/07/2017 1500	04/09/2017 1548	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0277
Lab Sample ID: 17D0277-06

Client Sample ID: 6
Collection Date/Time: 03/21/2017 0800
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	3.0	0.50		ug/L	1	04/07/2017 1500	04/10/2017 1128	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0277
Lab Sample ID: 17D0277-07

Client Sample ID: 7
Collection Date/Time: 03/21/2017 0805
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	0.79	0.50		ug/L	1	04/07/2017 1500	04/10/2017 1201	MH

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17D0277
Lab Sample ID: 17D0277-08

Client Sample ID: 8
Collection Date/Time: 03/21/2017 0800
Matrix: Drinking Water
Order Name: Tucson Unified School District

Analyses	Result	PQL	Qual	Units	DF	Prep Date	Analysis Date	Analyst
ICP/MS Total Metals-E200.8 (5.4)								
Lead	ND	0.50		ug/L	1	04/07/2017 1500	04/10/2017 1207	MH

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17D0277
Date Received: 03/31/2017

QC Summary

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 1704095 - E200.8 (5.4)										
Blank (1704095-BLK1)				Prepared: 04/08/2017 Analyzed: 04/09/2017						
Lead	ND	0.50	ug/L							
LCS (1704095-BS1)				Prepared: 04/08/2017 Analyzed: 04/09/2017						
Lead	49	0.50	ug/L	50.00		97	85-115			
LCS Dup (1704095-BSD1)				Prepared: 04/08/2017 Analyzed: 04/09/2017						
Lead	49	0.50	ug/L	50.00		98	85-115	0.5	20	
Matrix Spike (1704095-MS1)				Source: 17C0786-01		Prepared: 04/08/2017 Analyzed: 04/09/2017				
Lead	51	0.50	ug/L	50.00	0.26	101	70-130			
Matrix Spike (1704095-MS2)				Source: 17D0229-04		Prepared: 04/08/2017 Analyzed: 04/09/2017				
Lead	65	0.50	ug/L	50.00	14	101	70-130			
Batch 1704099 - E200.8 (5.4)										
Blank (1704099-BLK1)				Prepared & Analyzed: 04/10/2017						
Lead	ND	0.50	ug/L							
LCS (1704099-BS1)				Prepared & Analyzed: 04/10/2017						
Lead	48	0.50	ug/L	50.00		95	85-115			
LCS Dup (1704099-BSD1)				Prepared & Analyzed: 04/10/2017						
Lead	48	0.50	ug/L	50.00		96	85-115	0.7	20	
Matrix Spike (1704099-MS1)				Source: 17D0014-01		Prepared & Analyzed: 04/10/2017				
Lead	54	0.50	ug/L	50.00	0.32	107	70-130			
Matrix Spike (1704099-MS2)				Source: 17D0277-06		Prepared & Analyzed: 04/10/2017				
Lead	53	0.50	ug/L	50.00	3.0	101	70-130			

Collection Log

for experienced sample collectors

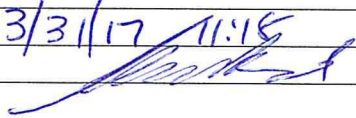
17D0277-01

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	MALDONADO ES
Building (name/number)	Maldonado Main
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	Hallway
Sample Identification Number (ensure this number is also on the sample container)	1
Date of Collection	3/21/2017
Time of Collection	12:25 PM 7:50 AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	1936

Notes Sample collector: / / Dr.fr.#127 /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/31/17 11:15
Signature	
Notes:	Temp. 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log
for experienced sample collectors


17D0277-02

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="checked" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	MALDONADO ES
Building (name/number)	Maldonado Main
Type of Fixture (tap, drinking fountain etc.)	Sink that is Visible for Usage
Location of Fixture (example, room number)	FR_28 Lounge, Room 19
Sample Identification Number (ensure this number is also on the sample container)	2
Date of Collection	3/21/2017
Time of Collection	7:50AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	1942

Notes Sample collector: / / Hallway west /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/31/17 11:18
Signature	
Notes:	Temp. 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log
for experienced sample collectors

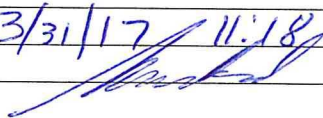
17D0277-03

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	MALDONADO ES
Building (name/number)	Maldonado South
Type of Fixture (tap, drinking fountain etc.)	Home Economic Classroom Sink
Location of Fixture (example, room number)	FR_33 Multipurpose Room, Room 26
Sample Identification Number (ensure this number is also on the sample container)	3
Date of Collection	3/21/2017
Time of Collection	7:55AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	1949

Notes Sample collector: / / Hallway west /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/31/17 11:18
Signature	
Notes: Temp. 22.8	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log
for experienced sample collectors

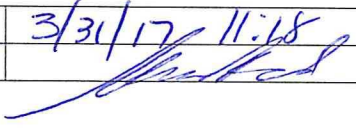
17D0277-04

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="checked" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	MALDONADO ES
Building (name/number)	Maldonado South
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	Hallway - South Hall By Teachers' Conference
Sample Identification Number (ensure this number is also on the sample container)	4
Date of Collection	3/21/2017
Time of Collection	7:55AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	1952

Notes Sample collector: / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/31/17 11:18
Signature	
Notes:	Temp 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log
for experienced sample collectors

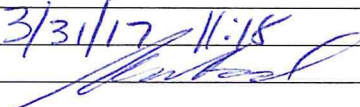
17D0277-05

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	MALDONADO ES
Building (name/number)	Maldonado West
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	FR_103 Classroom, Room 103
Sample Identification Number (ensure this number is also on the sample container)	85
Date of Collection	3/21/2017
Time of Collection	8:05AM 8:00 AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	1985

Notes Sample collector: / / / WEST DF 127

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/31/17 11:18
Signature	
Notes:	Temp. 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

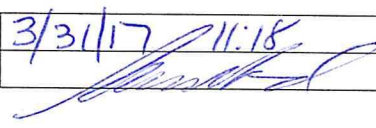
Collection Log 17D0277-06
for experienced sample collectors

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	MALDONADO ES
Building (name/number)	Maldonado West
Type of Fixture (tap, drinking fountain etc.)	drinking fountain/bubbler
Location of Fixture (example, room number)	FR_100 Classroom, Room 7
Sample Identification Number (ensure this number is also on the sample container)	6
Date of Collection	3/21/2017
Time of Collection	8:00AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	1963

Notes Sample collector: / / 500 hallway /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/31/17 11:18
Signature	
Notes:	Temp. 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log
for experienced sample collectors

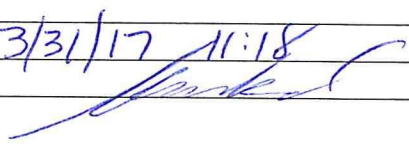
17D0277-07

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

<input checked="checked" type="checkbox"/>	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	MALDONADO ES
Building (name/number)	Maldonado West
Type of Fixture (tap, drinking fountain etc.)	Sink that is Visible for Usage
Location of Fixture (example, room number)	FR_103 Classroom, Room 103
Sample Identification Number (ensure this number is also on the sample container)	7
Date of Collection	3/21/2017
Time of Collection	8:05AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	1979

Notes Sample collector: / / /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/31/17 11:18
Signature	
Notes:	Temp. 22.8

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

ADEQ Public School District Drinking Water Lead Screening Program
Sampling Plan & Collection Log

Collection Log
for experienced sample collectors


17D 0277-08

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

✓	Check this box to confirm that water had <u>not</u> been used at this tap or other taps in the area for 6 hours and <u>no</u> flushing was done prior to sampling
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Name of School District	Tucson Unified School District
School Name	MALDONADO ES
Building (name/number)	Maldonado West
Type of Fixture (tap, drinking fountain etc.)	Sink that is Visible for Usage
Location of Fixture (example, room number)	FR_100 Classroom, Room 7
Sample Identification Number (ensure this number is also on the sample container)	X B
Date of Collection	3/21/2017
Time of Collection	8:00AM
Printed Name of Sample Collector	Moreno Jose
Signature Sample Collector	1959

Notes Sample collector: / / Next to 101 /

For Lab use only	
Analyze this drinking water sample for lead	
Date and Time Lab received	3/31/17 11:18
Signature	
Notes: Temp. 22.8	

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.